

**EAST Search History****EAST Search History (Prior Art)**

| Ref # | Hits | Search Query  | DBs                                | Default Operator | Plurals | Time Stamp       |
|-------|------|---|------------------------------------|------------------|---------|------------------|
| S1    | 580  | 375/147.cols.   | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR               | ON      | 2007/08/31 11:59 |
| S2    | 647  | 375/148.cols.   | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR               | ON      | 2004/11/04 11:46 |
| S3    | 1176 | "1", 375/148.ccls.  | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR               | ON      | 2004/11/04 11:48 |
| S4    | 1082 | ("1", 375/148.ccls.) and (channel estimat\$3)   | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR               | ON      | 2004/11/04 11:49 |
| S5    | 259  | (("1", 375/148. ccls.) and (channel estimat\$3)) and weight   | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR               | ON      | 2004/11/04 11:49 |
| S6    | 492  | ((("1", 375/148. ccls.) and (channel estimat\$3)) and (weight\$3))  | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR               | ON      | 2004/11/04 11:49 |
| S7    | 486  | ((("1", 375/148. ccls.) and (channel estimat\$3)) and (weight\$3)) and (time multiplex\$3)                                  | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR               | ON      | 2004/11/04 11:50 |
| S8    | 416  | (((("1", 375/148. ccls.) and (channel estimat\$3)) and (weight\$3)) and (time multiplex\$3)) and (pilot symbol)             | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR               | ON      | 2005/04/10 08:54 |
| S9    | 172  | (((("1", 375/148. ccls.) and (channel estimat\$3)) and (weight\$3)) and (time multiplex\$3)) and (pilot symbol)) and (mean) | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR               | ON      | 2004/11/04 11:51 |

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| S10 | 172  | ((((("1", 375/148. cols.) and (channel estimat\$3)) and (weight\$3)) and (time multiplex\$3)) and (pilot symbol)) and (mean)) and (data symbols)                   | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2004/11/04 11:52 |
| S11 | 75   | ((((((("1", 375/148. cols.) and (channel estimat\$3)) and (weight\$3)) and (time multiplex\$3)) and (pilot symbol)) and (mean)) and (data symbols)) and (parallel) | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2005/08/19 09:50 |
| S12 | 2    | "5737327".pn.  | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2005/04/10 08:54 |
| S13 | 1028 | 375/260.cols.  | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2005/08/19 09:51 |
| S14 | 1467 | 375/316.cols.  | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2005/08/19 09:51 |
| S15 | 835  | 375/324.cols.  | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2005/08/19 09:51 |
| S16 | 1155 | 375/224.cols.  | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2005/08/19 09:51 |
| S17 | 4381 | S13 S14 S15 S16  | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2007/04/22 11:47 |
| S18 | 378  | (channel adj estimat\$3) near4 (weight \$3 factor) and (time multiplex\$4)   | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2005/08/23 06:57 |
| S19 | 26   | S17 and S18  | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2005/08/19 11:07 |
| S20 | 322  | (channel adj estimat\$3) near4 (weight \$3 factor) and (time multiplex\$4) and (averag\$3 pilot)   | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2006/12/27 14:50 |

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| S21 | 291 | S20 and ("375"/\$.cols. or "455"/\$.cols. or "370"/\$.cols.)   | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2005/08/23 10:02 |
| S22 | 291 | S21 and (time multiplex\$3)  | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2005/08/23 07:00 |
| S23 | 45  | S21 and (time adj multiplex\$3)  | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2005/08/23 12:21 |
| S24 | 1   | "6804311".PN.  | USPAT; USOCR                       | OR | ON | 2005/08/23 07:52 |
| S25 | 1   | "6442193".PN.  | USPAT; USOCR                       | OR | ON | 2005/08/23 08:07 |
| S26 | 1   | "5734674".PN.  | USPAT; USOCR                       | OR | ON | 2005/08/23 08:07 |
| S27 | 18  | (channel adj estimat\$3) near4 (weight\$3 factor) and (time multiplex\$4) and (averag\$3 adj pilot)  | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2005/08/23 10:02 |
| S28 | 17  | S27 and ("375"/\$.cols. or "455"/\$.cols. or "370"/\$.cols.)   | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2006/02/02 11:08 |
| S29 | 1   | "05737327"   | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2005/08/23 12:28 |
| S30 | 22  | (channel adj estimat\$3) near4 (weight\$3 factor) and (time multiplex\$4) and (averag\$3 adj pilot)  | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2006/02/02 11:08 |
| S31 | 21  | S30 and ("375"/\$.cols. or "455"/\$.cols. or "370"/\$.cols.)   | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2006/02/02 11:09 |
| S32 | 25  | (channel adj estimat\$3) near4 (weight\$3 factor) and (time multiplex\$4) and (averag\$3 adj pilot)  | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2006/10/03 10:00 |
| S33 | 190 | (channel adj estimat\$3) near4 (weight\$3 factor) and (time multiplex\$4) and (averag\$3 same pilot) | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2007/08/30 08:22 |

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| S34 | 91     | S33 and (transmission same rate)   | US-PGPUB; USPAT; EPO; JPO; DERWENT       | OR | ON | 2006/12/27 15:30 |
| S35 | 1      | "05737327"   | US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT | OR | ON | 2006/12/27 15:04 |
| S36 | 200728 | S34 and demodulat \$3 or de\$modulat \$4   | US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT | OR | ON | 2006/12/27 15:31 |
| S37 | 67     | S34 and (demodulat \$3 or de\$modulat \$4)   | US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT | OR | ON | 2006/12/27 15:32 |
| S38 | 46     | (channel adj estimat \$3) near4 (weight \$3 factor) and (time adj multiplex\$4) and (averag\$3 same pilot) | US-PGPUB; USPAT; EPO; JPO; DERWENT       | OR | ON | 2007/01/04 15:22 |
| S39 | 46     | S38 and (control channel)  | US-PGPUB; USPAT; EPO; JPO; DERWENT       | OR | ON | 2007/01/04 16:15 |
| S40 | 1      | "6574270".PN.  | USPAT; USOCR                             | OR | ON | 2007/01/04 15:23 |
| S41 | 1      | "6496534".PN.  | USPAT; USOCR                             | OR | ON | 2007/01/04 15:24 |
| S42 | 1      | "5930288".PN.  | USPAT; USOCR                             | OR | ON | 2007/01/04 15:31 |
| S43 | 1      | "5694388".PN.  | USPAT; USOCR                             | OR | ON | 2007/01/04 15:34 |
| S44 | 1      | "5694388".PN.  | USPAT; USOCR                             | OR | ON | 2007/01/04 15:35 |
| S45 | 1283   | 455/63.1.ccis.   | US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT | OR | ON | 2007/01/04 16:15 |
| S46 | 236    | S45 and (pilot)  | US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT | OR | ON | 2007/01/04 16:16 |
| S47 | 39     | S46 and (transmiss \$4 near rate)  | US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT | OR | ON | 2007/01/04 16:55 |

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| S48 | 0      | "056666352"   | US-PGPUB;<br>USPAT; FPRS;<br>EPO; JPO;<br>DERWENT | OR | ON | 2007/01/04<br>16:56 |
| S49 | 1      | "056666352"   | US-PGPUB;<br>USPAT; FPRS;<br>EPO; JPO;<br>DERWENT | OR | ON | 2007/01/05<br>07:42 |
| S50 | 352427 | ((averag\$3 pilot<br>symbol) same<br>weight\$3)             | US-PGPUB;<br>USPAT; FPRS;<br>EPO; JPO;<br>DERWENT | OR | ON | 2007/01/05<br>07:44 |
| S51 | 79468  | S50 and (channel<br>estimat\$3)                             | US-PGPUB;<br>USPAT; FPRS;<br>EPO; JPO;<br>DERWENT | OR | ON | 2007/01/05<br>07:44 |
| S52 | 2239   | S50 and (channel<br>adj estimat\$3)                         | US-PGPUB;<br>USPAT; FPRS;<br>EPO; JPO;<br>DERWENT | OR | ON | 2007/04/04<br>11:35 |
| S53 | 18     | ((averag\$3 adj1<br>pilot adj symbol)<br>same weight\$3)    | US-PGPUB;<br>USPAT; FPRS;<br>EPO; JPO;<br>DERWENT | OR | ON | 2007/04/04<br>11:37 |
| S54 | 16     | S53 and (channel<br>estimat\$4)                             | US-PGPUB;<br>USPAT; FPRS;<br>EPO; JPO;<br>DERWENT | OR | ON | 2007/01/05<br>07:45 |
| S55 | 1      | "6493395".PN.   | USPAT; USOCR                                      | OR | ON | 2007/01/05<br>09:52 |
| S56 | 360413 | ((averag\$3 pilot<br>symbol) same<br>weight\$3)             | US-PGPUB;<br>USPAT; FPRS;<br>EPO; JPO;<br>DERWENT | OR | ON | 2007/04/04<br>11:35 |
| S57 | 2392   | S56 and (channel<br>adj estimat\$4)                         | US-PGPUB;<br>USPAT; FPRS;<br>EPO; JPO;<br>DERWENT | OR | ON | 2007/04/04<br>11:35 |
| S58 | 18     | ((averag\$3 adj1<br>pilot adj symbol\$1)<br>same weight\$3) | US-PGPUB;<br>USPAT; FPRS;<br>EPO; JPO;<br>DERWENT | OR | ON | 2007/04/04<br>14:30 |
| S59 | 16     | S58 and (channel<br>estimat\$4)                             | US-PGPUB;<br>USPAT; FPRS;<br>EPO; JPO;<br>DERWENT | OR | ON | 2007/04/04<br>14:27 |

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|-----|------|---|--|----|----|------------------|
| S60 | 1799 | (select data sequence) same (judgment reliability) same demodulat\$3          | US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT | OR | ON | 2007/04/04 14:29 |
| S61 | 2    | S58 and S60   | US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT | OR | ON | 2007/04/04 14:29 |
| S62 | 214  | S60 and ((averag\$3 pilot symbol\$1) same weight\$3)                          | US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT | OR | ON | 2007/04/04 14:31 |
| S63 | 99   | S60 and ((averag\$3 pilot adj symbol\$1) same weight\$3)                      | US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT | OR | ON | 2007/04/04 14:31 |
| S64 | 47   | S60 and ((averag\$3 pilot adj symbol\$1) same weight)                         | US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT | OR | ON | 2007/04/04 14:31 |
| S65 | 1    | "6070086".PN.   | USPAT; USOCR                             | OR | ON | 2007/04/19 16:24 |
| S66 | 4    | (juge\$4 or determin \$3 same reliability) same (plurality adj1 demodulat\$3) | US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT | OR | ON | 2007/08/31 14:21 |
| S67 | 1    | "6414985".PN.   | USPAT; USOCR                             | OR | ON | 2007/04/19 16:40 |
| S68 | 1    | "6295311".PN.   | USPAT; USOCR                             | OR | ON | 2007/04/19 16:42 |
| S69 | 953  | 375/147.ccls.   | US-PGPUB; USPAT; EPO; JPO; DERWENT       | OR | ON | 2007/04/22 11:50 |
| S70 | 1829 | 375/260.ccls.   | US-PGPUB; USPAT; EPO; JPO; DERWENT       | OR | ON | 2007/04/22 11:48 |
| S71 | 1867 | 375/316.ccls.   | US-PGPUB; USPAT; EPO; JPO; DERWENT       | OR | ON | 2007/04/22 11:48 |
| S72 | 976  | 375/324.ccls.   | US-PGPUB; USPAT; EPO; JPO; DERWENT       | OR | ON | 2007/04/22 11:48 |
| S73 | 1318 | 375/224.ccls.   | US-PGPUB; USPAT; EPO; JPO; DERWENT       | OR | ON | 2007/04/22 11:48 |
| S74 | 5843 | S70 S71 S72 S73   | US-PGPUB; USPAT; EPO; JPO; DERWENT       | OR | ON | 2007/04/22 11:48 |

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| S75 | 86   | S74 and S69                       | US-PGPUB;<br>USPAT; FPRS;<br>EPO; JPO;<br>DERWENT | OR | ON | 2007/04/22<br>11:49 |
| S76 | 5    | S75 and demodulator and selector  | US-PGPUB;<br>USPAT; FPRS;<br>EPO; JPO;<br>DERWENT | OR | ON | 2007/04/22<br>11:51 |
| S77 | 10   | S75 and selector                  | US-PGPUB;<br>USPAT; FPRS;<br>EPO; JPO;<br>DERWENT | OR | ON | 2007/04/22<br>11:49 |
| S78 | 38   | S75 and demodulator               | US-PGPUB;<br>USPAT; FPRS;<br>EPO; JPO;<br>DERWENT | OR | ON | 2007/04/22<br>11:49 |
| S79 | 4528 | S69 or 370/342. ccls.             | US-PGPUB;<br>USPAT; FPRS;<br>EPO; JPO;<br>DERWENT | OR | ON | 2007/04/22<br>11:54 |
| S80 | 221  | S79 and demodulator and selector  | US-PGPUB;<br>USPAT; FPRS;<br>EPO; JPO;<br>DERWENT | OR | ON | 2007/04/22<br>11:52 |
| S81 | 62   | S79 and demodulator same selector | US-PGPUB;<br>USPAT; FPRS;<br>EPO; JPO;<br>DERWENT | OR | ON | 2007/04/22<br>11:51 |
| S82 | 1514 | S79 and demodulator\$1            | US-PGPUB;<br>USPAT; FPRS;<br>EPO; JPO;<br>DERWENT | OR | ON | 2007/04/22<br>11:54 |
| S83 | 221  | S82 and selector\$1               | US-PGPUB;<br>USPAT; FPRS;<br>EPO; JPO;<br>DERWENT | OR | ON | 2007/04/22<br>11:55 |
| S84 | 96   | S83 and walsh                     | US-PGPUB;<br>USPAT; FPRS;<br>EPO; JPO;<br>DERWENT | OR | ON | 2007/04/22<br>11:55 |
| S85 | 32   | S84 and hadamard                  | US-PGPUB;<br>USPAT; FPRS;<br>EPO; JPO;<br>DERWENT | OR | ON | 2007/04/22<br>11:55 |
| S86 | 1    | "6396867".PN.                     | USPAT; USOCR                                      | OR | ON | 2007/05/22<br>13:18 |
| S87 | 1    | "6219391".PN.                     | USPAT; USOCR                                      | OR | ON | 2007/05/22<br>13:19 |

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|-----|-------|--|---|----|----|---------------------|
| S88 | 1     | "6072998".PN.  | USPAT; USOCR                                      | OR | ON | 2007/05/22<br>13:19 |
| S89 | 1     | "6064690".PN.  | USPAT; USOCR                                      | OR | ON | 2007/05/22<br>13:20 |
| S90 | 27559 | (weight\$4 same sum or averag\$4 same pilot same (plural\$4 adj2 weight)) and (channel estimat\$4)                               | US-PGPUB;<br>USPAT; FPRS;<br>EPO; JPO;<br>DERWENT | OR | ON | 2007/05/22<br>13:23 |
| S91 | 3480  | S90 and demodulat \$3  | US-PGPUB;<br>USPAT; FPRS;<br>EPO; JPO;<br>DERWENT | OR | ON | 2007/05/22<br>13:23 |
| S92 | 914   | (weight\$4 same sum or averag\$4 same pilot same (plural\$4 adj2 weight)) and (channel adj estimat \$4)                          | US-PGPUB;<br>USPAT; FPRS;<br>EPO; JPO;<br>DERWENT | OR | ON | 2007/05/22<br>13:24 |
| S93 | 914   | (weight\$4 same sum or averag\$4 same pilot same (plural\$4 adj1 weight)) and (channel adj estimat \$4)                          | US-PGPUB;<br>USPAT; FPRS;<br>EPO; JPO;<br>DERWENT | OR | ON | 2007/05/22<br>13:24 |
| S94 | 648   | (weight\$4 same sum or averag\$4 same pilot same (plural\$4 adj1 weight)) and (channel adj estimat \$4) and demodulat \$3        | US-PGPUB;<br>USPAT; FPRS;<br>EPO; JPO;<br>DERWENT | OR | ON | 2007/05/22<br>13:25 |
| S95 | 2300  | (weight\$4 same sum or averag\$4 same pilot same (plural\$4 adj1 weight)) and (channel adj estimat \$4 quality) and demodulat\$3 | US-PGPUB;<br>USPAT; FPRS;<br>EPO; JPO;<br>DERWENT | OR | ON | 2007/05/22<br>13:27 |

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| S96  | 89   | (weight\$4 same sum or averag\$4 same pilot same (plural\$4 adj1 weight)) and (channel adj estimat \$4 same quality) and demodulat\$3 | US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT | OR | ON | 2007/05/22 13:27 |
| S97  | 556  | (channel adj estimat \$3) near4 (averag \$3 or mean same pilot same weight \$3)   | US-PGPUB; USPAT; EPO; JPO; DERWENT       | OR | ON | 2007/08/30 08:23 |
| S98  | 337  | (channel adj estimat \$3) near2 (averag \$3 or mean same pilot same weight \$3)   | US-PGPUB; USPAT; EPO; JPO; DERWENT       | OR | ON | 2007/08/30 08:24 |
| S99  | 193  | (channel adj estimat \$3) near (averag\$3 or mean same pilot same weight\$3)  | US-PGPUB; USPAT; EPO; JPO; DERWENT       | OR | ON | 2007/08/30 08:59 |
| S100 | 17   | (channel adj estimat \$3) near (weight\$3 near1 averag\$3 or mean same pilot)   | US-PGPUB; USPAT; EPO; JPO; DERWENT       | OR | ON | 2007/08/30 09:00 |
| S101 | 21   | (channel adj estimat \$3) near (weight\$3 near3 averag\$3 or mean same pilot)   | US-PGPUB; USPAT; EPO; JPO; DERWENT       | OR | ON | 2007/08/30 09:00 |
| S102 | 55   | (channel adj estimat \$3) near2 (weight \$3 near3 averag\$3 or mean same pilot)   | US-PGPUB; USPAT; EPO; JPO; DERWENT       | OR | ON | 2007/08/30 09:00 |
| S103 | 1016 | 375/147.cols.   | US-PGPUB; USPAT; EPO; JPO; DERWENT       | OR | ON | 2007/08/31 11:59 |
| S104 | 935  | S103 and (pilot channel estimat\$3)   | US-PGPUB; USPAT; EPO; JPO; DERWENT       | OR | ON | 2007/08/31 12:01 |
| S105 | 99   | S104 and (weight\$3 same averag\$3)   | US-PGPUB; USPAT; EPO; JPO; DERWENT       | OR | ON | 2007/08/31 12:33 |
| S106 | 0    | S105 and (select\$3 same reliability)   | US-PGPUB; USPAT; EPO; JPO; DERWENT       | OR | ON | 2007/08/31 12:02 |
| S107 | 6    | S105 and (select\$3 same reliability)   | US-PGPUB; USPAT; EPO; JPO; DERWENT       | OR | ON | 2007/08/31 12:02 |

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|------|------|---|--|----|----|------------------|
| S108 | 60   | S104 and (weight\$3 near4 averag\$3)  | US-PGPUB; USPAT; EPO; JPO; DERWENT       | OR | ON | 2007/08/31 12:34 |
| S109 | 46   | S104 and (weight\$3 near2 averag\$3)  | US-PGPUB; USPAT; EPO; JPO; DERWENT       | OR | ON | 2007/08/31 12:34 |
| S110 | 36   | S104 and (weight\$3 near1 averag\$3)  | US-PGPUB; USPAT; EPO; JPO; DERWENT       | OR | ON | 2007/08/31 12:34 |
| S111 | 21   | (judg\$4 or determin\$3 same reliability) same (plurality adj1 demodulat\$3)                | US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT | OR | ON | 2007/08/31 14:29 |
| S112 | 13   | (select\$3 same judg\$4 or determin\$3 same reliability) same (plurality adj1 demodulat\$3) | US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT | OR | ON | 2007/08/31 14:32 |
| S113 | 2980 | Iwamatsu.in.  | US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT | OR | ON | 2007/08/31 14:33 |
| S114 | 56   | S113 and demodulat\$3 and select\$3   | US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT | OR | ON | 2007/08/31 15:04 |
| S115 | 169  | (plurality adj1 demodulat\$3 with select\$3)  | US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT | OR | ON | 2007/08/31 15:17 |
| S116 | 25   | (plurality adj1 demodulat\$3 with select\$3) and reliabilit\$3                              | US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT | OR | ON | 2007/08/31 15:07 |
| S117 | 1    | "6728323".PN.   | USPAT; USOCR                             | OR | ON | 2007/08/31 15:25 |
| S118 | 1    | "6507604".PN.   | USPAT; USOCR                             | OR | ON | 2007/08/31 15:25 |
| S119 | 1107 | 375/147.colc.   | US-PGPUB; USPAT; EPO; JPO; DERWENT       | OR | ON | 2008/02/15 13:28 |
| S120 | 1020 | S119 and (pilot channel estimat\$3)   | US-PGPUB; USPAT; EPO; JPO; DERWENT       | OR | ON | 2008/02/15 13:28 |
| S121 | 23   | S120 and (weight\$3 near4 averag\$3 same pilot)   | US-PGPUB; USPAT; EPO; JPO; DERWENT       | OR | ON | 2008/02/15 13:28 |

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|------|----|---|--|----|----|------------------|
| S122 | 38 | S120 and (weight\$3 same averag\$3 same pilot)                                  | US-PGPUB; USPAT; EPO; JPO; DERWENT       | OR | ON | 2008/02/15 14:08 |
| S123 | 6  | S120 and (weight\$3 adj2 pilot ) and (averag\$3 adj2 pilot)                     | US-PGPUB; USPAT; EPO; JPO; DERWENT       | OR | ON | 2008/02/15 14:23 |
| S124 | 1  | "6178194".PN.   | USPAT; USOCR                             | OR | ON | 2008/02/15 14:35 |
| S125 | 1  | "06414988"  | US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT | OR | ON | 2008/02/15 14:39 |
| S126 | 1  | "6178194".PN.   | USPAT; USOCR                             | OR | ON | 2008/02/15 14:39 |
| S127 | 6  | S120 and (weigh\$5 adj2 pilot ) and (averag\$4 adj2 pilot)                      | US-PGPUB; USPAT; EPO; JPO; DERWENT       | OR | ON | 2008/02/15 14:40 |
| S128 | 1  | "6137840".PN.   | USPAT; USOCR                             | OR | ON | 2008/02/15 14:42 |
| S129 | 1  | "5555268".PN.   | USPAT; USOCR                             | OR | ON | 2008/02/15 14:55 |
| S130 | 1  | "5784360".PN.   | USPAT; USOCR                             | OR | ON | 2008/02/15 14:56 |
| S131 | 1  | "5881056".PN.   | USPAT; USOCR                             | OR | ON | 2008/02/15 14:56 |
| S132 | 1  | "5912931".PN.   | USPAT; USOCR                             | OR | ON | 2008/02/15 15:07 |
| S133 | 1  | "5960029".PN.   | USPAT; USOCR                             | OR | ON | 2008/02/15 15:08 |
| S134 | 1  | "5978413".PN.   | USPAT; USOCR                             | OR | ON | 2008/02/15 15:09 |
| S135 | 1  | "6134260".PN.   | USPAT; USOCR                             | OR | ON | 2008/02/15 15:10 |
| S136 | 1  | "6067292".PN.   | USPAT; USOCR                             | OR | ON | 2008/02/15 15:21 |
| S137 | 2  | "05506865"  | US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT | OR | ON | 2008/02/19 06:48 |
| S138 | 17 | (judge\$4 or determin\$3 same reliabilit\$4) same (plurality adj1 demodulat\$3) | US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT | OR | ON | 2008/09/03 07:49 |

|      |      |   |   |    |    |                  |
|------|------|---|---|----|----|------------------|
| S139 | 13   | (judge\$4 or determin\$3 same reliabilit\$4) same (plurality adj1 demodulat\$3) and select\$4             | US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT    | OR | ON | 2008/09/03 07:49 |
| S140 | 1452 | 375/148.col.s.  | US-PGPUB; USPAT; EPO; JPO; DERWENT          | OR | ON | 2008/09/03 08:49 |
| S141 | 21   | (judg\$4 or determin\$3 same reliabilit\$4) same (plurality\$4 adj1 demodulat\$3) and select\$4           | US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT    | OR | ON | 2009/05/22 12:33 |
| S142 | 8    | (judg\$4 or determin\$3 same reliabilit\$4) same (plurality\$4 adj1 demodulat\$3) and select\$4 and pilot | US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT    | OR | ON | 2009/05/22 12:33 |
| S143 | 739  | (demodulat\$4 near3 data near2 sequence\$1)   | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/05/22 12:34 |
| S144 | 2    | S141 and S143   | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/05/22 12:34 |
| S145 | 126  | okumura-yukihiko.in.  | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/05/22 12:43 |

11/8/09 12:33:37 AM

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